

Converting Colors

Hex(800970)

Have a look what the booklet for
Hex(800970) contains.

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Color

Hex(800970)

Conversions

Conversions Part 1

Format	Color
Hex	800970
RGB	128, 9, 112
RGB Percent	50%, 4%, 44%
CMY	0.4980, 0.9647, 0.5608
CMYK	0.00, 0.93, 0.12, 0.50
HSL	308°, 87%, 27%
HSV	308°, 93%, 50%
XYZ	11.9244, 5.9544, 15.8501
YIQ	56.3230, 37.8610, 57.2610

Conversions

Conversions Part 2

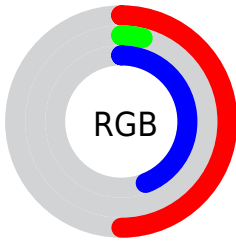
Format	Color
RYB	128, 9, 112
Decimal	8391024
CIELab	29.30, 55.06, -27.11
CIElCh	29, 61.371, 333.785
Yxy	5.9544, 0.3535, 0.1765
Android (android.graphics.Color)	4286581104 (0xFF800970)
YUV	56.3230, 27.4488, 62.8607
Hunter-Lab	24.4017, 44.5249, -21.4305

Details

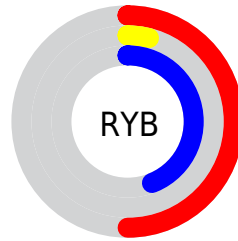
The Hex color **800970** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **098019**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **B84AA4**, and **4A0040** is the 20% darker color. If you saturate the color by 10%, you get **80006F**, and if you desaturate by 10%, it is **801672**.

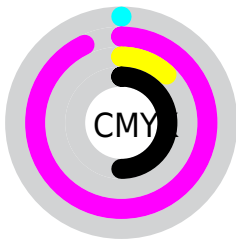
Distribution



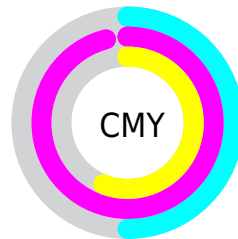
- Red (50%)
- Green (4%)
- Blue (44%)



- Red (50%)
- Yellow (4%)
- Blue (44%)



- Cyan (0%)
- Magenta (93%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800970 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 800970 by changing the saturation by 10% instead.

 800970

 800970

FFFFFF

 650057

 B84AA4

 4A0040

 D566BF

 33002A

 F281DB

 0D0013

 FF9DF8

 000000

 FFB9FF

 FFD5FF

 FFF3FF

 800970

 800970

■ 80006F

■ 801672

■ 802373

■ 802F75

■ 803C77

■ 804979

■ 80567A

■ 80637C

■ 806F7E

■ 807C7F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



453495



800970



940041

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



800970



504500



005879

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



800970



098019

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00584A



800970



1C5000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



800970



753100



005616



00559B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



800970



930023



005616



00586A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



800970



A677A0



190980



543850



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



800970



A6008F



800935



40393F



80006E



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



800970



A6008F



098054



40393F



80006E



000000

Previews

White Background



This preview shows how the Hex color 800970 looks on a white background.

Color Contrast Check

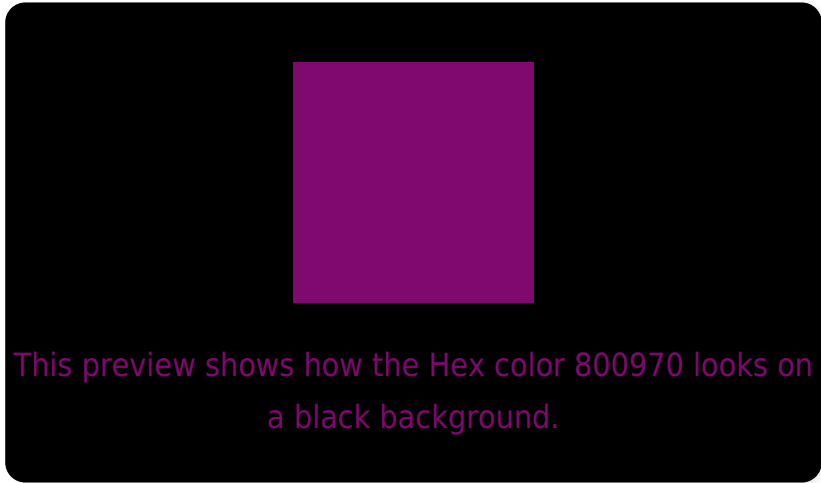
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

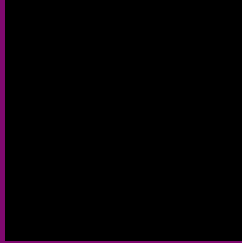
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 800970 Background



This preview shows how black text looks on a background with the Hex color 800970.



This preview shows how white text looks on a background with the Hex color 800970.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
7A2D2F

Trichromacy



Original Color
800970



Protanomaly
2F2F86



Deuteranomaly
53306C



Tritanomaly
7C2047

Monochromacy



Original Color
800970



Achromatopsia
383838



Achromatomaly
52274C

CSS Examples

Text

The CSS property to change the color of the text to Hex 800970 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #800970 looks like.

```
.text, #text, p{  
    color:#800970  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #800970 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800970
}
```

Border

The CSS property to change the border of an element to Hex 800970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

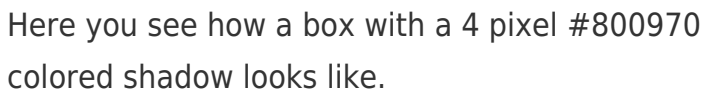
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800970 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#800970 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #800970 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800970; -webkit-box-shadow:4px 4px  
4px 4px #800970; box-shadow:4px 4px 4px  
4px #800970 }
```

Background

The CSS property to change the background color of an element to Hex 800970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800970 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#800970 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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